

[0024] In another aspect using the flexible, one-piece plate formed of a material providing the function of a sealable gasket, a microtitre sized reaction array may be provided for processing as a single, one-piece body which is itself releasably and sealingly mountable to a substrate, such as a glass plate carrying reaction surfaces or microarrays by non-mechanical, short range acting attraction forces inherent to the materials without the aid of chemical adhesives.

BRIEF DESCRIPTION OF THE DRAWING

[0025] The various features, advantages and other uses of the present invention will become more apparent by referring to the following detailed description and drawing in which:

[0026] Fig. 1 is an exploded, perspective view showing one aspect of the present invention;

[0027] Fig. 2 is an exploded, perspective view of another aspect of the present invention;

[0028] Fig. 3 is an exploded, perspective view of yet another aspect of the present invention;

[0029] Figs. 4A - 4E are pictorial views showing the assembly steps of the aspect of the invention shown in Fig. 3;

[0030] Figs. 5A - 5C are perspective views showing further assembly and use steps of the aspect of the invention shown in Fig. 3 and Figs. 4A-4E;

[0031] Figs. 6A - 6D are perspective views showing the disassembly steps of the assembly aspect of the invention shown in Fig. 5C;

[0032] Figs. 7A - 7~~A~~^E are pictorial representations of assembly steps and forming an array of diagnostic apparatus according to the present invention;

[0033] Fig. 8 is a plan view of a tray according to another aspect of the present invention;

[0034] Fig. 9 is a perspective view showing the mounting of the array of Fig. 7A in the tray of Fig. 8;

[0035] Fig. 10 is a cross-sectional view generally taken along line 10-10 in Fig. 11;

2/1/00
②